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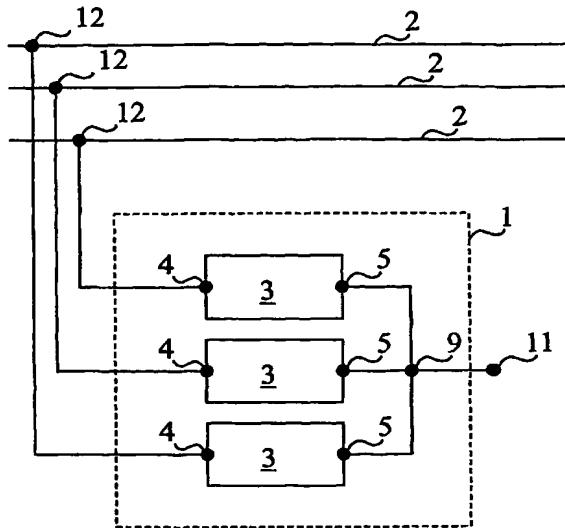
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(54) Title: PHASE FAILURE DETECTOR AND A DEVICE COMPRISING THE SAME



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(57) Abstract: This publication discloses a phase failure detector (1) for a multi-phase electricity supply network. The phase failure detector includes one detector circuit (3) for each phase (2), which has a first connection point (4) for connecting to the phase (2) being monitored and a second connection point (5), which is connected to a common connection point (9) of the detectors circuits. The detector circuits (3) in turn include capacitive voltage divider elements (6), which are located between the first (4) and the second (5) connection point and with the aid of which reduced voltage is divided and fed to a trigger and detector circuit (8), which is arranged to produce a detection pulse when the reduced voltage reaches a trigger value.